



S6 Figure. Dynamin2 regulates clustering of KIM185-bound β_2 -integrins. (A) Analysis of the spatial distribution of KIM185-bound (high affinity) β_2 -integrins on polarized and unpolarized human resting $CD4^+$ T cells, respectively. Representative maximum intensity projections of Z-stacks with 0.3-0.5µm interval are depicted. Z-stacks were acquired using a confocal laser scanning microscope. The cells were treated with the membrane marker Fast DIO and fluorescently labeled KIM185 antibody. (B) Clustering of KIM185-bound (high affinity) β_2 -integrins on human resting $CD4^+$ T cells placed on an ICAM-1-Fc coated surface was analyzed. Lymphocytes were either treated with DMSO or with dynasore. Z-stacks with 1µm interval were acquired using a confocal laser scanning microscope. Representative maximum intensity projections from different time points following seeding of the cells are depicted.